

## Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

### ***Counties with Published Soil Surveys***

Technical soil descriptions are located in the county soil survey descriptive legend.

### ***Counties without Published Soil Surveys***

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

*This section includes:*

- **(a) Classification of the soils**

Audrain County, Missouri  
Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Armstrong-----	Fine, montmorillonitic, mesic Aquertic HapludalFs
Belknap-----	Coarse-silty, mixed, acid, mesic Aeric Fluvaquents
Chariton-----	Fine, montmorillonitic, mesic Vertic Albaqualfs
Gifford-----	Fine, montmorillonitic, mesic Vertic Epiaqualfs
Goss-----	Clayey-skeletal, mixed, active, mesic Typic PaleudalFs
Jemerson-----	Fine-silty, mixed, mesic Typic HapludalFs
Keswick-----	Fine, montmorillonitic, mesic Aquertic Chromic HapludalFs
*Lenzburg-----	Fine-loamy, mixed (calcareous), active, calcareous, mesic Alfic Udarents
Leonard-----	Fine, montmorillonitic, mesic Vertic Epiaqualfs
Marion-----	Fine, smectitic, mesic Aquertic Chromic HapludalFs
Mexico-----	Fine, montmorillonitic, mesic Aeric Vertic Epiaqualfs
Putnam-----	Fine, montmorillonitic, mesic Vertic Albaqualfs
Twomile-----	Fine-silty, mixed, mesic Typic Albaqualfs
Winnegan-----	Fine, mixed, superactive, mesic Oxyaquic HapludalFs